

087849404 PCT/PTO 22 MAY 1997
CR-9715-BTRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

087849404

INTERNATIONAL APPLICATION NO.

PCT/US96/06705

INTERNATIONAL FILING DATE

10 MAY 1996 (10.05.96)

PRIORITY DATE CLAIMED

12 MAY 1995 (12.05.95)

TITLE OF INVENTION BIOCONVERSION OF A FERMENTABLE CARBON SOURCE TO 1,3-PROPANEDIOL BY A SINGLE MICROORGANISM

APPLICANT(S) FOR DO/EO/US

LAFFEND, LISA ANNE et, al

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
 - A. GENE SEQUENCE DISKETTE
 - B. INTERNATIONAL PUBLISHED APPLICATION WO96/35796
 - C. DECLARATION OF BIOLOGICAL CULTURE DEPOSIT INFORMATION

MAY 22, 1997

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17. ☐ The following fees are submitted:

Basic National Fee (37 CFR 1.492(a)(1)-(5)):

Search Report has been prepared by the EPO or JPO..... \$910.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)

..... \$700.00
No international preliminary examination fee paid to USPTO (37 CFR 1.482)

but international search fee paid to USPTO (37 CFR 1.445(a)(2)).. \$770.00

Neither international preliminary examination fee (37 CFR 1.482) nor
international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... \$1040.00International preliminary examination fee paid to USPTO (37 CFR 1.482)
and all claims satisfied provisions of PCT Article 33(2)-(4)..... \$96.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

Claims	Number Filed	Number Extra	Rate
Total Claims	30 -20 =	10	X \$22.00
Independent Claims	7 -3 =	4	X \$80.00

Multiple dependent claims(s) (if applicable)

260.00

TOTAL OF ABOVE CALCULATIONS =

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement
must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).

SUBTOTAL =

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(f)). +

TOTAL NATIONAL FEE =

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

TOTAL FEES ENCLOSED =

Amount to be:

refunded \$

charged \$

a. ☐ A check in the amount of \$_____ to cover the above fees is enclosed.b. ☒ Please charge my Deposit Account No. 04-1928 in the amount of \$ 1,710.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 04-1928. A duplicate copy of this sheet is enclosed.NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Reg. No. 31,825

SIGNATURE CRAIG H. EVANS

FOR: LINDA AXAMETHY FLOYD

NAME

33,692

REGISTRATION NUMBER

SEND ALL CORRESPONDENCE TO:

LEGAL/PATENT RECORD CENTER
E.I. DUPONT DE NEMOURS AND COMPANY
1007 MARKET STREET
WILMINGTON, DELAWARE 19898

11 Rec'd PCT 22 MAY 1997

BOX PCT

PCT RECEIVING OFFICE

In the Application of:

E. I. DU PONT DE NEMOURS AND COMPANY

Docket No.: **CR-9715-B**

International Application No.: **PCT/US96/06705**

International Filing Date: **10 MAY 1996**

For: **BIOCONVERSION OF A FERMENTABLE CARBON SOURCE TO 1,3-PROPANEDIOL
BY A SINGLE MICROORGANISM**

Assistant Commissioner for Patents
Box PCT
Washington, DC 20231

CERTIFICATION UNDER 37 CFR 1.10

EI039384955US

"Express Mail" mailing number

MAY 22, 1997

Date of Deposit

I hereby certify that this **PTO FORM 1390, COPY OF FEE SHEET, PTO FORM 1391, INTERNATIONAL PUBLISHED APPLICATION WO96/35796, GENERAL POWER OF ATTORNEY, PRELIMINARY AMENDMENT GENE SEQUENCE DISK AND DECLARATION OF BIOLOGICAL CULTURE DEPOSIT INFORMATION** is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box PCT, Washington, DC 20231.


Mary E. Wroten